HDMI 2.0 Male-to-Female ESD Protector Brochure

Product number: 99072701

Product Overview

The HDMI ESD is an external ESD protector for HDMI 2.0 interfaces developed specifically for the rental and staging industry. It is suitable for HDMI interface devices that require frequent plugging and unplugging. The protector adheres to the HDMI 2.0 standard and is backward compatible, featuring an HDMI male-to-female connector design. When in use, it can be directly plugged into the HDMI interface that needs protection, preventing physical damage to the HDMI interface of the main equipment after multiple plugging and unplugging operations. In the event of strong current surges, it can effectively protect the interface from current breakdown. Additionally, it is equipped with ESD electrostatic protection function, making it widely applicable to various video devices.

Product Features

- Designed specifically for mobile and repeated use scenarios.
- ESD hot-plug connector protector for HDMI interfaces.
- ESD electrostatic protection supports 15 kV air discharge and 8 kV contact discharge.
- Complies with HDMI 2.0 standards, making it widely applicable to various video devices.
- Equipped with a Type-C 5V external power port providing more stable power support for the device.
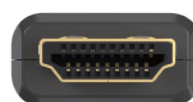- Zinc alloy housing with dimensions: 46mm*21mm*10mm.

Product Views

| Front | Back | Side | Interface |

Product Specifications

Name	Specifications
Product Name	HDMI 2.0 Male-to-Female ESD Protector
Connector Type	HDMI Type A male, HDMI female
Signal Type	HDMI 2.0
Housing Material	Zinc Alloy
Connector Size	46mm*21mm*10mm
Environmental Info	RoHS 2.0 Compliant
Resolution	3840*2160@60Hz
HDR	Yes
DDC	Yes
HDMI Audio	Yes
3D	Yes
HDCP	Yes
EDID	Yes
VRR	Yes
BT.2020 Color Space	Yes
Plug and Play	Yes
ESD Protection	Yes
Hot Plug	Yes
Equalizer Chip	Yes
Transmission Rate	18Gbps
Delay	Zero
Compression	None
Deep Color	Yes
Sampling Rate	Bandwidth Range: 8~12bit
Sampling Ratio	RGB 4:4:4, YUV 4:4:4, YUV 4:2:2, YUV 4:2:0

Product Size

21mm

10mm

46mm

HDMI ESD

5V1A

HDMI 2.0 Male-to-Female ESD Protector

Product Model	HDMI ESD
Connector Size	46*21*10mm

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